



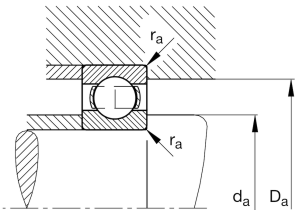
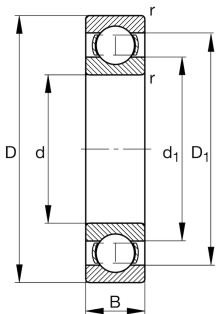
FAG

6008-TB [🔗](#)

Deep groove ball bearing

Deep groove ball bearing 60..TB, single row,  
solid laminated fabric cage

Informacje techniczne



Twoja aktualna wersja produktu

|                                  |              |                                                |
|----------------------------------|--------------|------------------------------------------------|
| Sealing                          | Without      | Not sealed                                     |
| Cage                             | TB           | Solid laminated fabric cage, inner ring guided |
| Tolerance class                  | PN           | Normal (ISO 492:2023)                          |
| Dimensional / heat stabilization | S0           | Rings dimensional stabilized up to 150°        |
| Lubricant                        | Without      | Bearing not greased                            |
| Radial internal clearance        | CN (Group N) | Normal internal clearance                      |
| Bore type                        | Z            | Cylindrical                                    |

Main Dimensions & Performance Data

|                 |              |                                   |
|-----------------|--------------|-----------------------------------|
| d               | 40 mm        | Bore diameter                     |
| D               | 68 mm        | Outside diameter                  |
| B               | 15 mm        | Width                             |
| C <sub>r</sub>  | 17.800 N     | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 11.500 N     | Basic static load rating, radial  |
| C <sub>ur</sub> | 600 N        | Fatigue load limit, radial        |
| n <sub>G</sub>  | 14.600 1/min | Limiting speed                    |
| n <sub>gr</sub> | 10.600 1/min | Reference speed                   |
| ≈m              | 201,6 g      | Masa                              |



Mounting dimensions

|             |         |                                      |
|-------------|---------|--------------------------------------|
| $d_{a\min}$ | 44,6 mm | Minimum diameter shaft shoulder      |
| $D_{a\max}$ | 63,4 mm | Maximum diameter of housing shoulder |
| $r_{a\max}$ | 1 mm    | Maximum fillet radius                |

Dimensions

|               |          |                              |
|---------------|----------|------------------------------|
| $r_{\min}$    | 1 mm     | Minimum chamfer dimension    |
| $D_1 \approx$ | 59,06 mm | Shoulder diameter outer ring |
| $D_2 \approx$ | 61,56 mm | Caliber diameter outer ring  |
| $d_1 \approx$ | 49,3 mm  | Shoulder diameter inner ring |

Temperature range

|            |        |                            |
|------------|--------|----------------------------|
| $T_{\min}$ | -30 °C | Operating temperature min. |
| $T_{\max}$ | 120 °C | Operating temperature max. |

Calculation factors

|       |      |                    |
|-------|------|--------------------|
| $f_0$ | 15,2 | Calculation factor |
|-------|------|--------------------|

Właściwości

|                                                                                     |                                   |
|-------------------------------------------------------------------------------------|-----------------------------------|
|  | Obciążenie promieniowe            |
|  | Obciążenie osiowe jednokierunkowe |
|  | Obciążenie osiowe dwukierunkowe   |
|  | Smarowanie smarem                 |
|  | Smarowanie olejem                 |
|  | Bez uszczelnienia                 |